



PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re the application of:

Dan Andreyevitch YANSON et al.

Application No.: 10/524,684 ✓

International Filing Date: 18 July 2003

Art Unit: 2872

Confirmation No.: 8311

Examiner: Not Yet Assigned

Title: MULTI-SECTION LASER WITH PHOTONIC CRYSTAL MIRRORS

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<p>"First Class Mail" Certificate of Mailing</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on</p> <p>13 FEBRUARY 2006</p> <p>Date</p> <p><i>Jefferson Perkins</i></p> <p>Jefferson Perkins</p>
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**RESPONSE TO NOTICE OF MISSING REQUIREMENTS, 35 USC §371**

Dear Sir:

This communication is responsive to the Notification of Missing Requirements mailed 16 December 2005.

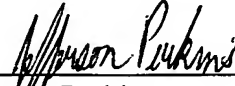
Applicants enclose herewith:

1. A signed inventor's declaration, in compliance with 37 CFR §1.497(a) and (b).
2. A Power of Attorney and Certificate under 37 CFR §3.73(b), executed by an authorized representative of the Assignee of this Application. The assignment referred to in this document has already been recorded on June 7, 2005, at Reel 016103, Frame 0216. Applicants enclose copies of an assignment from the inventors, a certificate of change of name of the assignee, together with recordation cover sheets and Notices of Recordation.

3. A copy of the Notification of Missing Requirements.
4. A fee transmittal under cover of which the \$130.00 fee for the foregoing declaration is submitted.
5. A copy of the Fee Transmittal and check submitted to the Office in this application upon its entry into the National Stage on February 9, 2005. In this connection, Applicants maintain that they had correctly calculated the excess claims fee, as shown in the transmittal. After preliminary amendment Applicants have submitted 27 claims, which is 7 in excess of 20. The excess claims fee for a large entity is \$50 per claim. Hence, Applicants submitted an excess claims fee of  $7 \times \$50.00 = \$350.00$ . Applicant's attorney has carefully checked the calculations for this fee and the remaining fees then submitted, and can find no error. Applicants further note that the Office likewise found that there were 7 claims in excess of 20; but for some reason asserted that \$100 was due for these 7 excess claims, which does not comport with the fee schedule then or now in effect. Applicant believes that this additional claim fee was asserted through clerical error and asks the Office to check its calculations. If after reinspection of this calculation the Office confirms its assessment, Applicant authorizes the Office to charge the deficiency to Deposit Account No. 503138 of Daspin & Aument, LLP. A duplicate copy of the transmittal is provided to the Office for this purpose.

6. A return postcard.

Respectfully submitted,



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Jefferson Perkins  
Registration No. 31,407

DASPIN & AUMENT, LLP  
210 West 22<sup>nd</sup> Street, Suite 102  
Oak Brook, Illinois 60523  
Telephone: (630) 990-4503

**CUSTOMER NUMBER: 43138**

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re the application of:

Dan Andrejevitch YANSON et al.

Application No.: 10/525,684

Int'l Filing Date: 18 July 2003

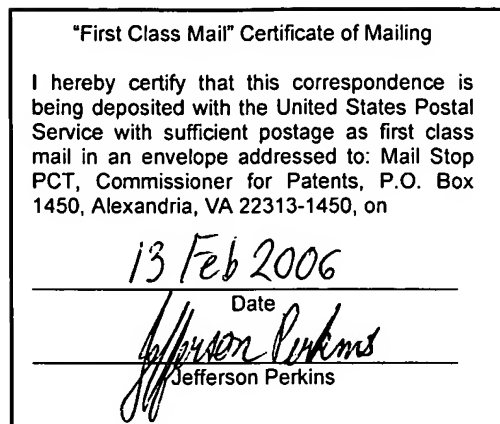
Group Art Unit: 2872

Confirmation No.: 8311

Examiner: Not yet assigned

Title: MULTI-SECTION LASER WITH PHOTONIC CRYSTAL MIRRORS

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



**FEE TRANSMITTAL**

Dear Sir:

Applicant calculates the fees associated with the enclosed papers as follows:

Section	Fee Code	Fee Description	Fee Paid
1.492(h)	1617	Inventor's Declaration after 30 months from priority date, large entity	\$130.00
		<b>Total</b>	<b>\$ 130.00</b>

02/21/2006 MKAYPAGH 00000105 10524684

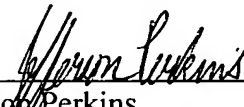
01 FC:1617

130.00 OP

Applicant encloses a check to the Director of the United States Patent and Trademark Office for the above total amount.

As is discussed in more detail in the Response to Notice of Missing Requirements transmitted herewith, Applicant believes that the \$100.00 deficiency in excess claims fee, as calculated by the Office, was calculated in error, and Applicant therefore does not include it. Nevertheless, should the Office confirm this calculation, the Commissioner is hereby directed to charge any deficiency, or credit any overpayment, to Deposit Account No. 503138 of Daspin & Aument, LLP, and a duplicate of this transmittal is provided for this purpose.

Respectfully submitted,

  
\_\_\_\_\_  
Jefferson Perkins  
Registration No. 31,407

**CUSTOMER NO. 43138**

DASPIN & AUMENT, LLP  
210 West 22<sup>nd</sup> Street, Suite 102  
Oak Brook, Illinois 60523  
Telephone: (630) 990-4503

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

International Application No.: PCT/GB03/03228

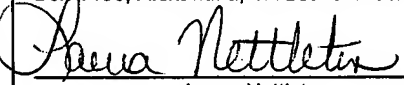
International Filing Date: 18 July 2003

First Named Inventor: Dan Andreyevitch YANSON, et al.

Title: MULTI-SECTION LASER WITH  
PHOTONIC CRYSTAL MIRRORS

CUSTOMER NO.: 43138

Mail Stop PCT  
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P.O. Box 1450  
Alexandria, VA 22313-1450

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No.	<u>E0907481553 US</u>
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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
	
Laura Nettleton	

**FEE TRANSMITTAL FOR SUBMISSION TO ENTER THE NATIONAL STAGE**  
**UNDER 35 U.S.C. §371**


Dear Sir:

Applicant calculates the fees associated with the enclosed papers as follows:

37CFR Section	Fee Code	Fee Description	Fee Paid
1.492(a)(5)	1631	Basic National Stage Fee, Large Entity	\$300.00
1.492(b)(2)	1632	National Stage Search Fee, US not ISA, ISR transmitted to USPTO, Large Entity	\$400.00
1.492(c)(2)	1633	National Stage Examination Fee, Large Entity	\$200.00
1.492	1614	Independent Claims in excess of three (2-3) x \$200.00 =	\$0.00
1.492	1615	Total Claims in excess of twenty (27-20) x \$50.00	\$350.00
		<b>Total</b>	<b>\$1,250.00</b>

A check to the Director of the United States Patent and Trademark Office is enclosed for the above fees. The Commissioner is hereby directed to charge any deficiency, or to credit any overpayment, to Deposit Account No. 503138 of Daspin & Aument LLP.

Respectfully submitted,

  
\_\_\_\_\_  
Jefferson Perkins  
Registration No. 31,407

DASPIN & AUMENT, LLP  
210 West 22<sup>nd</sup> Street, Suite 102  
Oak Brook, Illinois 60523  
Telephone: (630) 990-4503

**DASPIN & AUMENT, LLP**

Director of U.S. Patent &amp; Trademark Office

Rec'd PCT/PTO 15 FEB 2007

ENDOR:

CHECK NO:

OUR REF. NO.	YOUR INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	AMOUNT PAID	DISCOUNT TAKEN
1453	02/04/2005	USPTO - fee for entry into national stage 305832-109			1250.00

\$1,250.00

2024

**DASPIN & AUMENT, LLP**10 S. RIVERSIDE PLAZA, STE 1220  
CHICAGO, IL 60606**THE NORTHERN TRUST COMPANY**

2-15-710

CHECK 1024

02/04/2005

VENUS PAID

PAY

CHECK AMOUNT  
\$1,250.00

One thousand two hundred fifty and NO/100\*\*\*\*\*

Director of U.S. Patent & Trademark Office  
P.O. Box 70541

Chicago, IL 60673

TO THE  
ORDER  
OF

⑈002024⑈ ⑆071000152⑆ 0002403684⑈

2024

**DASPIN & AUMENT, LLP**

Director of U.S. Patent &amp; Trademark Office

2/4/2005

2024

VENDOR:

CHECK NO:

OUR REF. NO.	YOUR INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	AMOUNT PAID	DISCOUNT TAKEN
1453	02/04/2005	USPTO - fee for entry into national stage 305832-109			1250.00

Best Available Copy

\$1,250.00



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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/524,684	Dan Andreyevitch Yanson	305832-00109

INTERNATIONAL APPLICATION NO.
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PCT/GB03/03228

I.A. FILING DATE	PRIORITY DATE
07/18/2003	08/09/2002

43138  
 DASPIN & AUMENT, LLP  
 210 WEST 22ND STREET, SUITE 102  
 OAK BROOK, IL 60523

CONFIRMATION NO. 8311

371 FORMALITIES LETTER



\*OC000000017260419\*

Date Mailed: 12/16/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/09/2005
- Copy of the International Search Report filed on 02/09/2005
- Preliminary Amendments filed on 02/09/2005
- Information Disclosure Statements filed on 02/09/2005
- Request for Immediate Examination filed on 02/09/2005
- U.S. Basic National Fees filed on 02/09/2005
- Priority Documents filed on 02/09/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$100 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$230 for a Large Entity:

- \$130 Surcharge.
- Total additional claim fee(s) for this application is \$ 100
  - \$100 for 7 total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/524,684	PCT/GB03/03228	305832-00109